

Abstract of the Disclosure

5 A reagent is suitable for measuring the concentration
of an analyte in a hemoglobin-containing biological fluid,
such as whole blood. The reagent comprises a flavin-
dependent enzyme that has specificity for the analyte, a
flavin cofactor if, and only if, a flavin is not bound to
the enzyme, a tetrazolium dye precursor, an electron
transfer agent, and a nitrite salt. The reagent causes
10 dye formation that is a measure of the analyte
concentration. The nitrite salt suppresses interfering
dye formation caused non-enzymatically by the hemoglobin.
Preferably, the reagent is used in a dry strip for
measuring glucose in whole blood.

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